

## ABSTRACT

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A data packet transmission method in a packet-switched telecommunication system. A telecommunication protocol comprises a convergence protocol layer for adapting user data packets to convergence protocol packets and a link layer for transmitting the convergence protocol packets as data units and for acknowledging the transmission. A data packet number is defined for the convergence protocol packets to be transmitted. The convergence protocol packets are transferred to the link layer to be transmitted. A data packet number is defined for the received convergence protocol packets and the received convergence protocol packets are acknowledged to the transmitter.

The identification data of any convergence protocol packets lost on the link layer are transmitted to the recipient. The counter value of the recipient is updated to correspond to the counter value of the transmitter, to take into account the lost convergence protocol packets.

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